

RI/FS DOCUMENT / MEETING SUMMARY  
Updated through January 24, 2017  
Leviathan Mine Site  
Alpine County, California

Date	Date Submitted by Atlantic Richfield	Date Submitted by EPA	EPA Requested Due Date	Atlantic Richfield Estimated Submittal Date	Work Plan / Document	Amendment / Addendum / Revision No.	Author	Recipient	Item	Atlantic Richfield Status	US EPA Status	US EPA Comment
Administrative Order												
12/23/08					UAO	NA	US EPA	Atlantic Richfield	Response to Comments and Requests for Clarifications Atlantic Richfield's, Notice of Intent to Comply letter dated July 23, 2008, Administrative Order for Remedial Investigation and Feasibility Study, Leviathan Mine, Alpine County, California. CERCLA Docket No. 2008-18	Received		
07/23/08					UAO	NA	Atlantic Richfield	US EPA	Notice of Intent to Comply with Administrative Order	Submitted		
06/23/08					UAO	NA	US EPA	Atlantic Richfield	Administrative Order for RI/FS, Leviathan Mine, Alpine County, California: US EPA Region IX, CERCLA Docket No. 2008-18	Received		
Data Quality Objectives												
08/14/15	08/14/14		08/10/15		On-Property / Off-Property / Reference	NA	Atlantic Richfield	US EPA	Response to US EPA and LRWQCB Comments on the Revised Data Quality Objectives for the On-Property and Reference Study Areas and Updated Cross-Reference Matrix Table	Submitted	Provided comments with 11/21/16 comments on QAPP	
07/10/15					On-Property / Off-Property / Reference	NA	US EPA	Atlantic Richfield	EPA Comments on Revised Data Quality Objectives for the On-Property and Reference Area Study Areas and Updated Cross Reference Matrix Table, Leviathan Mine Site, Alpine County, California prepared by Atlantic Richfield, dated February 28, 2015	Received		EPA directs Atlantic Richfield to respond to EPA comments and to ensure a comprehensive review, please include an item by item written response to address these comments, as well as comments in EPA's December 26, 2012 and November 14, 2014 letters within 30 days or by August 10, 2015.
02/28/15					On-Property / Off-Property / Reference	NA	Atlantic Richfield	US EPA	Revised Data Quality Objectives for the On-Property and Reference Area Study Areas and Updated Cross-Reference Matrix Table	Submitted		
02/28/15					Reference	NA	Atlantic Richfield	US EPA	Revised Reference Area DQOs	Submitted		
11/14/14					On-Property / Off-Property / Reference	NA	US EPA	Atlantic Richfield	Comments on Technical Memorandum: Current Data Quality Objectives and Leviathan Mine FRI Work Plan Cross Reference Matrix	Received		
09/05/14					On-Property / Off-Property / Reference	NA	Atlantic Richfield	US EPA	Technical Memorandum: Compilation of Data Quality Objectives and Cross Reference Matrix	Submitted		
06/28/13					Off-Property	NA	Atlantic Richfield	US EPA	Revised Off-Property DQOs	Submitted		
12/26/12					Off-Property	NA	US EPA	Atlantic Richfield	Review and Comments on Draft DQOs Submittal dated November 19, 2012; Direction to Prepare and Submit Revised Off-Property FRI Work Plan	Received		
11/19/12					Off-Property / Reference	NA	Atlantic Richfield	US EPA	Revised DQO Summary Tables for On-Property and Reference Study Areas	Submitted		
09/05/12					On-Property / Off-Property / Reference	NA	Atlantic Richfield	US EPA	Technical Workshop - DQOs	Conducted		
05/13/10					DQO Report	NA	US EPA	Atlantic Richfield	Programmatic DQOs (transmitted with 5/13/10 approval of PWP)	Received		
04/23/09					DQO Report	NA	US EPA	Atlantic Richfield	Approval with Comments for Leviathan Mine DQOs Report Submitted October 2008, and Direction to Prepare RI/FS Work Plan Pursuant to Administrative Order for RI/FS	Received		
10/21/08					DQO Report	NA	Atlantic Richfield	US EPA	Draft Data Quality Objectives Report: RI/FS	Submitted	Approved with comments on 4/23/09	
Program Work Plan												
1/27/2017	1/27/2017				Program	QAPP	Atlantic Richfield	US EPA	Final Revised RI/FS Quality Assurance Project Plan, Revision No. 2	Submitted	Pending review	
11/21/16		11/21/16			Program	QAPP	US EPA	Atlantic Richfield	EPA Comments on Atlantic Richfield Company (ARC) Final Revised RI/FS Quality Assurance Project Plan (QAPP), Revision 1 for the Leviathan Mine Site in Alpine County, California; dated June 17, 2016; Updated Project Database dated June 30, 2016; and the DQOs response from ARC dated August 14, 2015	Received		EPA conditionally approved the QAPP dated June 17, 2016; provided EPA comments are addressed. EPA's conditional approval remains in place. Within 60 days, or by January 21, 2017, EPA directs ARC to provide a line-by-line response to these comments and submit a revised Final Updated Quality Assurance Project Plan (QAPP) and Data Management Plan that incorporates the Database, the DQOs and the Conceptual Site Model incorporating these changes.
11/01/16	11/01/16				Program	QAPP	Atlantic Richfield	US EPA	Response to EPA comments on PE Samples	Submitted		
10/24/16		10/24/16			Program	QAPP	US EPA	Atlantic Richfield	EPA comments on PE Samples	Received		



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	06/17/16	06/17/16		05/27/16		Program	QAPP	Atlantic Richfield	US EPA	Remedial Investigation/Feasibility Study Quality Assurance Project Plan, Revision No. 1 [Final]	Submitted	Conditionally approved on 11/21/16	
	04/28/16		04/28/16			Program	QAPP	US EPA	Atlantic Richfield	EPA Comments on Atlantic Richfield RI/FS Quality Assurance Project Plan (QAPP), Revision No. 1 for the Leviathan Mine Site in Alpine County, California; dated March 9, 2016	Received		EPA conditionally approves this QAPP dated March 9, 2016. Within 30 days, EPA directs ARC to provide a line by line response to these comments and submit a revised Final Updated Quality Assurance Project Plan (QAPP) and Data Management Plan that incorporates these changes, along with an updated schedule that incorporates the data usability process EPA has outlined.
	03/09/16	03/09/16		03/09/16		Program	QAPP	Atlantic Richfield	US EPA	RI/FS Quality Assurance Project Plan, Revision No. 1	Submitted	Conditionally approved on 4/28/16	
	02/09/16		02/09/16			Program	QAPP	US EPA	Atlantic Richfield	EPA Comments on Atlantic Richfield RI/FS Quality Assurance Project Plan (QAPP), Revision 1 for the Leviathan Mine Site in Alpine County, California	Received		Within 30 days, or by March 9, 2016, EPA directs ARC to provide a line by line response to these comments and submit a revised Updated Quality Assurance Project Plan (QAPP) that incorporates these changes, along with an updated schedule that incorporates the data usability process EPA has outlined.
	02/05/16	02/05/16				Program	QAPP	Atlantic Richfield	US EPA	Draft Annotated Revised QAPP TOC and Crosswalk	Submitted		
	01/14/16		01/14/16			Program	QAPP	US EPA	Atlantic Richfield	EPA initial comments on the QAPP and Data Quality Discussions	Received		
	12/14/15	12/14/15				Program	QAPP	Atlantic Richfield	US EPA	Quality Assurance Project Plan, Revision 1	Submitted	Comments received 1/14/16 and 2/9/16	
	05/13/10					Program	PWP	US EPA	Atlantic Richfield	Approval with Comments and Direction to Implement 2009 Draft Program Work Plan and Addendum for RI/FS	Received		
	02/26/10					Program	PWP	US EPA	Atlantic Richfield	Schedule for US EPA Comments on 2009 Draft Program Work Plan and Addendum for RIFS	Received		
	11/16/09					Program	Addendum 1	Atlantic Richfield	US EPA	Addendum No. 1 to 2009 Draft Program Work Plan for RI/FS	Submitted		
	10/15/09					Program	PWP	US EPA	Atlantic Richfield	Comments on 2009 Draft Program Work Plan for Remedial Investigation and Feasibility Study at Leviathan Mine Site, Alpine County, California, July 2009	Received		Directs ARC to modify and/or supplement the 2009 PWP. EPA does not expect that the entire draft document will be rewritten. To facilitate implementation of RI/FS tasks in early 20101, EPA directs revisions to be submitted for EPA review no later than 30 days from receipt of this letter.
	07/10/09					Program	PWP	Atlantic Richfield	US EPA	Draft RI/FS Program Work Plan	Submitted	Approved on 5/13/10	
					03/15/17	On-Property, Off-Property, and Reference	Bioaccessibility	Atlantic Richfield	US EPA	Bioaccessibility Study TSAP	In progress		
					04/15/17	On-Property and Off-Property	Biomass	Atlantic Richfield	US EPA	Biomass Study TSAP	In progress		
	8/24/2016		8/24/2016			On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	Email FW: NED OK WITH THIS?EPA Conditional Approval on the Fish Sampling TSAP	Submitted		Concurs with ARC's proposed sampling (8/23/19 email) , but notes that timing of sampling intended to ensure comparable results with previous event in October because fish feeding behaviours change with season.
	8/23/2016	8/23/2016				On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	Email RE: EPA Conditional Approval on the Fish Sampling TSAP	Submitted	Concurred in email on 8/24/16	
	08/12/16		08/12/16			On-Property, Off-Property, and Reference	Fish TSAP	US EPA	Atlantic Richfield	EPA Comments ARC Response to Comments (RTC) of Draft On-Property, Off-Property Area, and Reference Area FRI Work Plans - Task Sampling and Analysis Plan for Fish Investigation (Draft Final), Leviathan Mine Site, Alpine County, California, Leviathan Mine Site, Alpine County, California, Dated June 13, 2016 [sic]	Received		EPA conditionally approves this document, provided these comments are addressed and incorporated as described. The work outlined in this TSAP should be completed during the 2016 field season. EPA requests that the sampling occur in late September. PA requests timely notification of EPA of when ARC anticipates commencing the work. Please provide a written report to EPA within 90 days of completion of field work.
	06/13/16	06/13/16		06/13/16		On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	On-Property, Off-Property Area, and Reference Area FRI Work Plans - Task Sampling and Analysis Plan for Fish Investigations [Draft Final]	Submitted	Conditionally approved on 8/12/16	



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	05/13/16		05/13/16			On-Property, Off-Property, and Reference	Fish TSAP	US EPA	Atlantic Richfield	EPA comments on Draft On-Property, Off-Property, and Reference Area Focused Remedial Investigation Work Plans—Task Sampling and Analysis Plan for Fish Investigation, Leviathan Mine Site, Alpine County, California, dated February 5, 2016	Received		Requests line-by-line RTC and revised and updated SAP within 30 days.
	02/05/16	02/05/16		11/13/15 01/29/16	01/29/16 per 11/13/16 extension request; 02/05/16 per 1/27/16 email	On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	On-Property, Off-Property, and Reference Area FRI Work Plans - Task Sampling and Analysis Plan for Fish Surveys and Sampling [Draft]	Submitted		
	12/08/15		12/08/15			On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	US EPA Response to Request for Schedule Extension for Fish Sampling Work Plan On-Property, Off-Property, and Reference Area Focused Remedial Investigation Work Plans	Received; responded via email on 12/10/15		US EPA indicates not opposed as long as does not impact RI/FS schedule and its RI and Risk Assessment.
	11/13/15	11/13/15				On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	Request for Schedule Extension for Fish Sampling Work Plan On-Property, Off-Property, and Reference Area Focused Remedial Investigation Work Plans	Submitted		
	10/13/15		10/13/15	11/13/15	Requested extension to 01/29/16	On-Property, Off-Property, and Reference	Fish TSAP	US EPA	Atlantic Richfield	Request for Fish Sampling Work Plan On-Property, Off-Property, and Reference Area Focused Remedial Investigation Work Plans	Received		
	09/09/16	09/09/16				On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US EPA	Supplement Plant Data Collection	Submitted		
	04/08/16	04/08/16		04/09/16		On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US EPA	On-Property, Off-Property Area, and Reference Area FRI Work Plans – Plant and Habitat-Related Soil Investigations [Final]	Submitted; awaiting final approval	Pending review	
	03/09/16		03/09/16			On-Property, Off-Property, and Reference	Plant/Soil TSAP	US EPA	Atlantic Richfield	EPA comments on the Progress Report and Response to Comments on the Draft Final On-Property, Off-Property and Reference Area Focused Remedial Investigation (FRI) Work Plan – Plant and Habitat-Related Soil Investigations, Leviathan Mine Site, Alpine County, California; dated November 16, 2015	Received		EPA directs ARC to provide a line-by-line response to these comments and also provide a revised and updated SAP within thirty (30) days or by April 9, 2016. This field work should begin as soon as the 2016 Field activity season can be underway.
	11/16/15	11/16/15		11/16/15		On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US EPA	Progress Report and Response to Comments on the Draft Final On-Property, Off-Property and Reference Area Focused Remedial Investigation Work Plan – Plant and Habitat-Related Soil Investigations	Submitted	Directed work to proceed on 3/9/16	
	10/16/15		10/16/15	RTC by 11/16/15		On-Property, Off-Property, and Reference	Plant/Soil TSAP	US EPA	Atlantic Richfield	EPA Comments on the June 19, 2015 Draft Final On-Property, Off-Property and Reference Area Focused Remedial Investigation Work Plan - Plant and Habitat-Related Soil Investigations, Leviathan Mine Site, Alpine County, California	Received		EPA directs ARC to provide a full report and copy of the presentation from September 22nd with any formal requests for changes presented in a formal report, and please provide a written response comment [sic] within 30 days or by November 16, 2015.
	06/19/15	06/19/15				On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US EPA	Draft Final On-Property, Off-Property Area, and Reference Area FRI Work Plans – Plant and Habitat-Related Soil Investigations	Submitted		
	06/02/15					On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US Forest Service	Notification of Plant Collection Activities Within the Humboldt-Toiyabe National Forest	Submitted		
	05/18/15				US EPA requests written response within 30 days or by 6/19/15	On-Property & Off-Property	Plant/Soil TSAP	US EPA	Atlantic Richfield	EPA Comments on two separate submittals: the March 20, 2015 Technical Memorandum; Habitat Surveys, Plant Species, and Study Design for Plant Sampling, and the April 7, 2015 On-Property FRI Work Plan and Off-Property Area FRI Work Plan Plant and Habitat-Related Soil Investigations	Received		
	04/07/15					On-Property & Off-Property	Plant/Soil TSAP	Atlantic Richfield	US EPA	On-Property FRI Work Plan and On-Property Area FRI Work Plan - Plant and Habitat-Related Soil Investigations	Submitted		
	02/08/16		02/08/16			On-Property	Optimization	US EPA	Atlantic Richfield	EPA comments on the Atlantic Richfield Response to US EPA September 11, 2015 Comments on Optimization of Select On-Property Monitoring, dated October 12, 2015	Received		Concurs with optimization
	10/12/15	10/12/15		10/12/15		On-Property	Optimization	Atlantic Richfield	US EPA	Response to U.S. EPA September 11, 2015 Comments on Optimization of Select Monitoring Programs	Submitted		
	09/11/15		09/11/15	RTC by 10/12/15		On-Property	Optimization	US EPA	Atlantic Richfield	EPA comments on the Atlantic Richfield Response to U.S. EPA Comments on Optimization of Select On-Property Monitoring, dated April 24, 2015	Received		EPA concurs with the ARC response, but always retains the right to require more intensive monitoring in the future. Please provide a written response to provide [sic] the request [sic] summary tables and figures within thirty (30) days or by October 12, 2015.
	04/24/15					On-Property	Optimization	Atlantic Richfield	US EPA	Response to U.S. EPA Comments on Optimization of Select On-Property Monitoring Programs	Submitted	Concurred with responses on 9/11/15.	



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	03/26/15				On-Property	Optimization	US EPA	Atlantic Richfield	EPA comments on Proposed Optimization of Select On-Property Monitoring Programs, letter dated February 4, 2015	Received		EPA finds that ARC responded with the requested information, and concurs with the optimization of select On-Property Monitoring efforts, but always retains the right to require more intensive monitoring in the future.
	02/04/15				On-Property	Optimization	Atlantic Richfield	US EPA	Optimization of Select On-Property Monitoring Programs [in 2014]	Submitted	Concurred on 2/8/16	
	06/17/14				On-Property	Optimization	Atlantic Richfield	US EPA	Technical Meeting: Optimization of Monitoring Programs and 2014 Field Priorities	Conducted		
	10/13/15				On-Property	Drilling	Atlantic Richfield	US EPA	RE: EPA Comments to ARC request for US EPA to reconsider Letter of August 14, 2015 Requesting Continuation of RI/FS Drilling Program in 2015	Received		E-mail response to 10/06/15 letter, concurs that should proceed with both reference boreholes and complete LOC-34 as weather permits and drilling equipment is available.
	10/06/15				On-Property	Drilling	Atlantic Richfield	US EPA	Response to US EPA Email Correspondence of September 28, 2015 Regarding Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Submitted	Concurred on 10/13/15	
	09/28/15				On-Property	Drilling	US EPA	Atlantic Richfield	EPA Comments to ARC Request for U.S. EPA to Reconsider Letter of August 14, 2015 Requesting Continuation of RI/FS Drilling Program in 2015	Received		
	09/18/15				On-Property	Drilling	Atlantic Richfield	US EPA	Response to US EPA Letter of August 14, 2015 Regarding Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Submitted		
	09/08/15				On-Property	Drilling	US EPA	Atlantic Richfield	EPA response to Atlantic Richfield's 8/28/15 email responding to Response to US EPA comments on Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Received		
	08/28/15		08/28/15		On-Property	Drilling	Atlantic Richfield	U.S. EPA	Response to US EPA comments on Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Submitted		
	08/14/15				On-Property	Drilling	US EPA	Atlantic Richfield	EPA Comments on Rationale for Proposed 2015 Modifications to RI/FS Drilling Program, Leviathan Mine Site, Alpine County, California, dated June 26, 2015	Received	Directed to proceed with installations of well Loc-33 and Loc-34	Please proceed with installations of both well Location-33 and Location-34 for the 2015 field work season. In addition, please provide a written response to these comments within 14 days or by August 28, 2015.
	06/26/15				On-Property	Drilling	Atlantic Richfield	US EPA	Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Submitted		
	06/12/15				On-Property	Drilling	US EPA	Atlantic Richfield	Leviathan Mine - Drilling Program - EPA comments and request for additional information (email)	Received		
	06/09/15				On-Property	Drilling	Atlantic Richfield	US EPA	Leviathan Mine - Drilling Program (email)	Submitted	Comments received 6/12/15	
	12/18/14				On-Property	Drilling	Atlantic Richfield	US EPA	2014 Drilling Postponement Rationale	Submitted	No pending action; ARC requested response to June 17, 2014 discussion and December 18, 2014 from ARC	This ongoing discussion culminated in an August 14, 2015 email from Lynda to Tony agreeing that Pit wells are not currently needed and requesting that ARC go forward with two wells along the fault north of the Pit that ARC had requested to remove from the drilling program.
	08/01/13				On-Property	Drilling	Atlantic Richfield	US EPA	Technical Meeting: 2013 RI/FS Drilling Program	Conducted		
				03/15/17	On-Property	Amendment 13	US EPA	Atlantic Richfield	On-Property FRI Work Plan Amendment No. 13 - TSAP for Focused Geochemical Characterization in the Beaver Dam / Pond Complex	In progress		
	12/05/17	12/05/17	None		On-Property	Amendment 12	US EPA	Atlantic Richfield	Email FW: Leviathan Mine - Information Regarding Revegetation Treatability Study Baseline Soil Sampling in ACSA	Received		
	06/01/16	06/01/16	05/28/16		On-Property	Amendment 12	Atlantic Richfield	US EPA	On-Property FRI Work Plan Amendment No. 12 - TSAP for Hydrocarbon Investigation (Draft Final)	Submitted; awaiting final approval	Pending review	
	04/29/16	04/29/16			On-Property	Amendment 12	US EPA	Atlantic Richfield	EPA Comments on Atlantic Richfield Draft On-Property Focused Remedial Investigation Work Plan Amendment No. 12 - Task Sampling and Analysis Plan for Hydrocarbon Investigation, Leviathan Mine Site, Alpine County, California; dated February 26, 2016	Received		Requests line-by-line RTC and revised SAP by 05/28/16. Directs works to proceed and be completed within 2016 field sampling season.
	02/26/16	02/26/16	01/30/16		On-Property	Amendment 12	Atlantic Richfield	US EPA	On-Property FRI Work Plan Amendment No. 12 - TSAP for Hydrocarbon Investigation	Submitted	Directed work to proceed on 4/29/16	
	06/14/16	06/14/16			On-Property	Amendment 11	US EPA	Atlantic Richfield	Email FW: EPA Approval Amendment No. 11 Acid Ponding Near Leviathan Creek TSAP	Received		Requested construction information on select drive-point piezometers
	05/06/16	05/06/16	Not requested		On-Property	Amendment 11	Atlantic Richfield	US EPA	On-Property FRI Work Plan Amendment No. 11 - TSAP for Surface Water/Groundwater Interaction Investigation near Acidic Pond and Leviathan Creek [Final]	Submitted	Pending review	



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						On-Property	Amendment 11	US EPA	Atlantic Richfield	Draft Final Amendment No. 11 - TSAP for Investigation of Ponding Near Leviathan Creek, Leviathan Mine Site, Alpine, County, California, dated February 22, 2015 [sic]	Received		EPA provides approval for ARC to proceed with the work as outlined. Alos requests additional drive-point piezometers at select locations. EPA directs ARC to begin this field work as soon as the 2016 Field activity season can be underway. All work should be completed during the 2016 Field Sampling Season.
	02/22/16	02/22/16				On-Property	Amendment 11	Atlantic Richfield	US EPA	On-Property FRI Work Plan Amendment No. 11 - TSAP for Surface Water/Groundwater Interaction Investigation near Acidic Pond and Leviathan Creek [Draft Final]	Submitted	Approved on 02/26/16	
	01/22/16		01/22/16			On-Property	Amendment 11	US EPA	Atlantic Richfield	EPA Comments on Amendment No. 11 - TSAP for Investigation of Ponding Near Leviathan Creek, Leviathan Mine Site, Alpine County, California, dated September 20, 2015	Received		



	Atlantic Richfield Comment	
	Finds submittal to be incomplete. Provides clarification on intent of previous requests regarding master list of DQOs and crosswalk table. Instructs ARC to fully consider LRWQCB and Washoe Tribe comments.	
	Response to US EPA 11/14/14 comments	
	Submitted with Draft Final Reference Area FRI Work Plan	
	Submitted with Revised Off-Property FRI Work Plan Addendum No. 2	
	September 5 and 6, 2012	
	Submitted with line-by-line response to U.S. EPA's comments dated 11/21/16	
	Email; discussed with US EPA via telephone on 11/8/16	
	Email	



Includes line-by-line response to 04/28/16 comments. Includes complete set of DQOs as of submittal date.
Includes line-by-line response to 02/09/16 comments.
Email, attached files are dated 01/27/16.
Email
Requested by US EPA in 04/01/15 technical meeting to discuss data usability.
Letter dated 2009, but should be 2010.

le Water Monitoring; Off-Property and Reference Plant and Fish Sampling; and Off-Property and Reference Bioaccessibility Testing)

Collect soil samples from 0 to 0.5 feet to evaluate bioaccessibility of select metals for mine waste, River Ranch, floodplain soil, stream sediment, Leviathan Mine Road, and suspected ore piles
Collect samples of yellow sweet clover and implement phase II of the biomass investigation to quantify the amount of leafy green biomass available for consumption in the On-property Study Area and DSA
Responds to US EPA comments on sampling schedule. Response to reporting schedule submitted in a separate letter on 9/9/16.
Before proceeding with specimen collection, Atlantic Richfield Company is requesting (in Appendix D, Section 4.0) that the U.S. EPA provide written confirmation that the work described in this TSAP is exempt from state and federal permit requirements under CERCLA § 121(e) and that no further consultation with the U.S. Fish and Wildlife Service is required under the Endangered Species Act.



[illegible]

US EPA responded by e-mail on 10/13/15.
E-mail
E-mail
E-mail
E-mail
E-mail
Transmits table and figure showing proposed drilling locations for 2015
E-mail
Install additional drive point piezometers and collect additional surface water, precipitate, and floodplain soil samples from the Beaver Dam/Pond Complex area+A28
Submitted with line-by-line response to 04/29/16 comments.
Atlantic Richfield agreed to prepare work plan during a 10/14/14 telephone call.
This information will be submitted with the Site Characterization Report in December 2017
No revision requested; however, submitted as final to include additional requested drive-point piezometer pairs and make correction regarding installation of data loggers/transducers.



Submitted with line-by-line RTC to 01/22/16 comments.
US EPA requests line-by-line response to comments and revised TSAP by 02/19/16.